



Patent  
Attorney's Docket No. 019970-005

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )  
Heijiro OJIMA et al ) Group Art Unit: 1714  
Application No.: 09/988,401 ) Examiner: Unassigned  
Filed: November 19, 2001 )  
For: WATER-BASED LUBRICANT )  
CONTAINING SULFUR AS A )  
COORDINATE ATOM, AND USE )  
THEREOF )

B1 #6  
10/13/02  
AS

RECEIVED  
MAR 20 2002  
TC 1700

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination on the merits, Applicants submit the following amendments and remarks.

**IN THE SPECIFICATION:**

*Kindly replace the following paragraphs:*

Paragraph beginning at page 3, line 14:

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The invention according to one aspect thereof relates to the aqueous lubricant itself, in which the aqueous lubricant comprises a metal chelate compound suspended or dispersed in water. The metal chelate compound described herein comprises a polydentate or multidentate chelate ligand in which at least one of the coordinating atoms is sulfur, coordinated to a coordination site of at least one metal species selected from among zinc, manganese, iron, molybdenum, tin and antimony. For the purposes of this explanation, the term "suspension" is

03/14/2002 SSITHB1 00000105 024600 09988401

01 FC:102 84.00 CH  
02 FC:103 522.00 CH



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AMENDMENT/REPLY TRANSMITTAL LETTER

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed is a reply for the above-identified patent application.

- ☐ A Petition for Extension of Time is also enclosed.
- ☐ A Terminal Disclaimer and a check for ☐ \$55.00 (248) ☐ \$110.00 (148) to cover the requisite Government fee are also enclosed.
- ☐ Also enclosed is \_\_\_\_\_.
- ☐ Small entity status is hereby claimed.
- ☐ Applicant(s) request continued examination under 37 C.F.R. § 1.114 and enclose the ☐ \$370.00 (279) ☐ \$740.00 (179) fee due under 37 C.F.R. § 1.17(e).
- ☐ Applicant(s) previously submitted \_\_\_, on \_\_\_, for which continued examination is requested.
- ☐ Applicant(s) request suspension of action by the Office until at least \_\_\_, which does not exceed three months from the filing of this RCE, in accordance with 37 C.F.R. § 1.103(c). The required fee under 37 C.F.R. § 1.17(i) is enclosed.
- ☐ A Request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) (146/246) is also enclosed.
- ☐ No additional claim fee is required.

(10/01)

[X] An additional claim fee is required, and is calculated as shown below:

AMENDED CLAIMS					
	NO. OF CLAIMS	HIGHEST NO. OF CLAIMS PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	ADD'L FEE
Total Claims	49	MINUS 20 =	29	× \$18.00 (103) =	522.00
Independent Claims	4	MINUS 3 =	1	× \$84.00 (102) =	84.00
If Amendment adds multiple dependent claims, add \$280.00 (104)					
Total Amendment Fee					606.00
If small entity status is claimed, subtract 50% of Total Amendment Fee					
TOTAL ADDITIONAL FEE DUE FOR THIS AMENDMENT					\$606.00

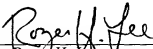
[ ] A claim fee in the amount of \$\_\_\_\_\_ is enclosed.

[X] Charge \$ 606.00 to Deposit Account No. 02-4800.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17, 1.20(d) and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By:   
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Date: March 11, 2002